

FILE 'HOME' ENTERED AT 10:17:56 ON 17 JAN 2007

FILES 'MEDLINE, SCISEARCH, LIFESCI, BIOTECHDS, BIOSIS, EMBASE, HCAPLUS, NTIS,
ESBIOBASE, BIOTECHNO, WPIDS' ENTERED AT 10:18:11 ON 17 JAN 2007
ALL COPYRIGHTS AND RESTRICTIONS APPLY. SEE HELP USAGETERMS FOR DETAILS.

11 FILES IN THE FILE LIST

=> s silicon or siloxan? or ?siloxane
FILE 'MEDLINE' .

22863 SILICON
1522 SILOXAN?
3491 ?SILOXANE
26341 SILICON OR SILOXAN? OR ?SILOXANE

FILE 'SGTSEARCH'

198606 SILICON
6117 SILOXAN?
17976 ?SILOXANE
215231 SILICON OR SILOXAN? OR ?SILOXANE

1929 SILICON OR SILICANT OR SILICATE

FILE E1FESCI
LEET TRUNCATIO

LEFT TRUNCATION IGNORED FOR FILE E1FESCI
3605 SILICON

2605 SILICON
63 SILOXAN?
53 SILOXANE
2663 SILICON OR SILOXAN? OR ?SILOXANE

LEFT TRUNCATION

1563 SILICON

111 SILOXAN?
99 SILOXANE
1651 SILICON OR SILOXAN? OR ?SILOXANE

FILE 'BIOSIS'

81

3313 ?SILOXANE
13931 SILICON OR SILOXAN? OR ?SILOXANE

FILE 'EMBASE'

113

3715 ?SILOXANE
27001 SILICON OR SILOXAN? OR ?SILOXANE

FILE 'HCAPLUS'

97819

114763 ?SILOXANE
930953 SILICON OR SILOXAN? OR ?SILOXANE
TIS'

39074 SILICON
1131 SILOXAN?
1012 ?SILOXANE
L8 40116 SILICON OR SILOXAN? OR ?SILOXANE

FILE 'ESBIOBASE'
LEFT TRUNCATION IGNORED FOR FILE 'ESBIOBASE'
3461 SILICON
301 SILOXAN?
258 SILOXANE
L9 3732 SILICON OR SILOXAN? OR ?SILOXANE

FILE 'BIOTECHNO'
2627 SILICON
139 SILOXAN?
468 ?SILOXANE
L10 3016 SILICON OR SILOXAN? OR ?SILOXANE

FILE 'WPIDS'
333353 SILICON
28453 SILOXAN?
58862 ?SILOXANE
L11 380917 SILICON OR SILOXAN? OR ?SILOXANE

TOTAL FOR ALL FILES
L12 1645552 SILICON OR SILOXAN? OR ?SILOXANE
Left truncation is not valid in the specified search field in the specified file. The term has been searched without left truncation. Examples: '?TERPEN?' would be searched as 'TERPEN?' and '?FLAVONOID' would be searched as 'FLAVONOID.'

If you are searching in a field that uses implied proximity, and you used a truncation symbol after a punctuation mark, the system may interpret the truncation symbol as being at the beginning of a term. Implied proximity is used in search fields indexed as single words, for example, the Basic Index.

=> s 112(10a) (form? or produc? or synthe? or condens?)
FILE 'MEDLINE'
1504342 FORM?
1359578 PRODUC?
661527 SYNTHE?
30544 CONDENS?
L13 1271 L1 (10A) (FORM? OR PRODUC? OR SYNTHE? OR CONDENS?)

FILE 'SCISEARCH'
2404917 FORM?
1936029 PRODUC?
1124144 SYNTHE?
115703 CONDENS?
L14 21432 L2 (10A) (FORM? OR PRODUC? OR SYNTHE? OR CONDENS?)

FILE 'LIFESCI'
432379 FORM?
537827 PRODUC?
190299 SYNTHE?
8727 CONDENS?
L15 243 L3 (10A) (FORM? OR PRODUC? OR SYNTHE? OR CONDENS?)

FILE 'BIOTECHDS'
105613 FORM?
232777 PRODUC?
49525 SYNTHE?
2754 CONDENS?
L16 309 L4 (10A) (FORM? OR PRODUC? OR SYNTHE? OR CONDENS?)

FILE 'BIOSIS'
1683304 FORM?
1794740 PRODUC?

841837 SYNTHE?
39884 CONDENS?
L17 1186 L5 (10A) (FORM? OR PRODUC? OR SYNTHE? OR CONDENS?)

FILE 'EMBASE'
1337009 FORM?
1296993 PRODUC?
750698 SYNTHE?
31486 CONDENS?
L18 1268 L6 (10A) (FORM? OR PRODUC? OR SYNTHE? OR CONDENS?)

FILE 'HCAPLUS'
6518607 FORM?
4418585 PRODUC?
983213 PRODN
4892541 PRODUC?
(PRODUC? OR PRODN)
2145225 SYNTHE?
553465 CONDENS?
L19 130990 L7 (10A) (FORM? OR PRODUC? OR SYNTHE? OR CONDENS?)

FILE 'NTIS'
317740 FORM?
375564 PRODUC?
60172 SYNTHE?
17256 CONDENS?
L20 3995 L8 (10A) (FORM? OR PRODUC? OR SYNTHE? OR CONDENS?)

FILE 'ESBIOBASE'
545440 FORM?
635528 PRODUC?
257611 SYNTHE?
13783 CONDENS?
L21 532 L9 (10A) (FORM? OR PRODUC? OR SYNTHE? OR CONDENS?)

FILE 'BIOTECHNO'
328492 FORM?
394590 PRODUC?
210476 SYNTHE?
6950 CONDENS?
L22 203 L10 (10A) (FORM? OR PRODUC? OR SYNTHE? OR CONDENS?)

FILE 'WPIDS'
5039205 FORM?
2481558 PRODUC?
387012 SYNTHE?
226642 CONDENS?
L23 132976 L11 (10A) (FORM? OR PRODUC? OR SYNTHE? OR CONDENS?)

TOTAL FOR ALL FILES
L24 294405 L12 (10A) (FORM? OR PRODUC? OR SYNTHE? OR CONDENS?)

=> s 124 (10a) (trypsin or protease# or enzym? or hydrolase#)
FILE 'MEDLINE'
61645 TRYPSIN
86941 PROTEASE#
1191213 ENZYM?
84505 HYDROLASE#
L25 9 L13 (10A) (TRYPSIN OR PROTEASE# OR ENZYM? OR HYDROLASE#)

FILE 'SCISEARCH'
28341 TRYPSIN
84872 PROTEASE#
583038 ENZYM?
18749 HYDROLASE#

L26 28 L14 (10A) (TRYPSIN OR PROTEASE# OR ENZYM? OR HYDROLASE#)

FILE 'LIFESCI'
10794 TRYPSIN
29494 PROTEASE#
239544 ENZYM?
5885 HYDROLASE#

L27 5 L15 (10A) (TRYPSIN OR PROTEASE# OR ENZYM? OR HYDROLASE#)

FILE 'BIOTECHDS'
3613 TRYPSIN
19472 PROTEASE#
142736 ENZYM?
2949 HYDROLASE#

L28 22 L16 (10A) (TRYPSIN OR PROTEASE# OR ENZYM? OR HYDROLASE#)

FILE 'BIOSIS'
54925 TRYPSIN
96466 PROTEASE#
1913824 ENZYM?
24516 HYDROLASE#

L29 19 L17 (10A) (TRYPSIN OR PROTEASE# OR ENZYM? OR HYDROLASE#)

FILE 'EMBASE'
36525 TRYPSIN
63155 PROTEASE#
929877 ENZYM?
17502 HYDROLASE#

L30 12 L18 (10A) (TRYPSIN OR PROTEASE# OR ENZYM? OR HYDROLASE#)

FILE 'HCAPLUS'
71197 TRYPSIN
113557 PROTEASE#
1138854 ENZYM?
26713 HYDROLASE#

L31 100 L19 (10A) (TRYPSIN OR PROTEASE# OR ENZYM? OR HYDROLASE#)

FILE 'NTIS'
398 TRYPSIN
679 PROTEASE#
13134 ENZYM?
1240 HYDROLASE#

L32 0 L20 (10A) (TRYPSIN OR PROTEASE# OR ENZYM? OR HYDROLASE#)

FILE 'ESBIOBASE'
10272 TRYPSIN
42509 PROTEASE#
296111 ENZYM?
7547 HYDROLASE#

L33 9 L21 (10A) (TRYPSIN OR PROTEASE# OR ENZYM? OR HYDROLASE#)

FILE 'BIOTECHNO'
13615 TRYPSIN
26983 PROTEASE#
366038 ENZYM?
6822 HYDROLASE#

L34 6 L22 (10A) (TRYPSIN OR PROTEASE# OR ENZYM? OR HYDROLASE#)

FILE 'WPIDS'
5544 TRYPSIN
20358 PROTEASE#
109412 ENZYM?
2859 HYDROLASE#

L35 40 L23 (10A) (TRYPSIN OR PROTEASE# OR ENZYM? OR HYDROLASE#)

TOTAL FOR ALL FILES
L36 250 L24(10A) (TRYPSIN OR PROTEASE# OR ENZYM? OR HYDROLASE#)

=> s l36 not 2005-2007/py
FILE 'MEDLINE'
1307537 2005-2007/PY
(20050000-20079999/PY)
L37 5 L25 NOT 2005-2007/PY

FILE 'SCISEARCH'
2330354 2005-2007/PY
(20050000-20079999/PY)
L38 22 L26 NOT 2005-2007/PY

FILE 'LIFESCI'
171446 2005-2007/PY
L39 5 L27 NOT 2005-2007/PY

FILE 'BIOTECHDS'
53891 2005-2007/PY
L40 17 L28 NOT 2005-2007/PY

FILE 'BIOSIS'
1047957 2005-2007/PY
L41 15 L29 NOT 2005-2007/PY

FILE 'EMBASE'
1114482 2005-2007/PY
L42 8 L30 NOT 2005-2007/PY

FILE 'HCAPLUS'
2604969 2005-2007/PY
L43 78 L31 NOT 2005-2007/PY

FILE 'NTIS'
24600 2005-2007/PY
L44 0 L32 NOT 2005-2007/PY

FILE 'ESBIOBASE'
666570 2005-2007/PY
L45 6 L33 NOT 2005-2007/PY

FILE 'BIOTECHNO'
0 2005-2007/PY
L46 6 L34 NOT 2005-2007/PY

FILE 'WPIDS'
2458198 2005-2007/PY
L47 27 L35 NOT 2005-2007/PY

TOTAL FOR ALL FILES
L48 189 L36 NOT 2005-2007/PY

=> dup rem l48
PROCESSING COMPLETED FOR L48
L49 125 DUP REM L48 (64 DUPLICATES REMOVED)

=> d tot

L49 ANSWER 1 OF 125 BIOTECHDS COPYRIGHT 2007 THE THOMSON CORP. on STN
TI Asymmetric synthesis of antimer chiral silicon cyan alcohol;
stereospecific silicon cyan alcohol preparation using
enzyme-catalyzed stereospecific asymmetric synthesis
AU ZONG M; LI N
AN 2004-21166 BIOTECHDS

PI CN 1488760 14 Apr 2004

L49 ANSWER 2 OF 125 WPIDS COPYRIGHT 2007 THE THOMSON CORP on STN

TI Treatment useful for prevention or reduction of scars comprising application of composition containing fluid and film-forming carrier and hardening carrier into tangible membrane

PI US 20040096487 A1 20040520 (200440)* EN 7[0] A61K038-43

IN STUDIN J R

L49 ANSWER 3 OF 125 WPIDS COPYRIGHT 2007 THE THOMSON CORP on STN

TI Stable corrosion prevention and improvement promoter for plant production material spraying, has silicon oxide, calcium oxide, amorphous alumina silicate and a mineral reaction enzyme agent

PI JP 2004137311 A 20040513 (200435)* JA 6[0] C09K017-42

IN UMEZAKI J

L49 ANSWER 4 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN

TI Enzyme immobilization on porous silicon surfaces

SO Advanced Materials (Weinheim, Germany) (2004), 16(8), 689-693
CODEN: ADVMEW; ISSN: 0935-9648

AU Letant, Sonia E.; Hart, Bradley R.; Kane, Staci R.; Hadi, Masood Z.; Shields, Sharon J.; Reynolds, John G.

AN 2004:396084 HCAPLUS

DN 141:169955

L49 ANSWER 5 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN

TI Siloxane biocatalysis

SO Polymer Preprints (American Chemical Society, Division of Polymer Chemistry) (2004), 45(1), 614-615
CODEN: ACPPAY; ISSN: 0032-3934

AU Bassindale, Alan R.; Brandstadt, Kurt F.; Lane, Thomas H.; Taylor, Peter G.

AN 2004:234453 HCAPLUS

DN 141:157571

L49 ANSWER 6 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN

TI Siloxane biocatalysis

SO Abstracts of Papers, 227th ACS National Meeting, Anaheim, CA, United States, March 28-April 1, 2004 (2004), POLY-544 Publisher: American Chemical Society, Washington, D. C.
CODEN: 69FGKM

AU Bassindale, Alan R.; Brandstadt, Kurt F.; Lane, Thomas H.; Taylor, Peter G.

AN 2004:229179 HCAPLUS

L49 ANSWER 7 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN

TI New method for attachment of biomolecules to porous silicon: platform for enzyme-based chemical detection

SO Polymer Preprints (American Chemical Society, Division of Polymer Chemistry) (2004), 45(1), 537-538
CODEN: ACPPAY; ISSN: 0032-3934

AU Hart, Bradley R.; Letant, Sonia E.; Kane, Staci R.; Hadi, Masood Z.; Shields, Sharon J.; Reynolds, John G.

AN 2004:234409 HCAPLUS

DN 142:33789

L49 ANSWER 8 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN

TI Microfluidic biosensing systems. Part II. Monitoring the dynamic production of glucose and ethanol from microchip-immobilised yeast cells using enzymatic chemiluminescent μ -biosensors

SO Lab on a Chip (2004), 4(5), 488-494
CODEN: LCAHAM; ISSN: 1473-0197

AU Davidsson, Richard; Johansson, Bjoern; Passoth, Volkmar; Bengtsson, Martin; Laurell, Thomas; Emneus, Jenny
AN 2004:824709 HCAPLUS
DN 142:332040

L49 ANSWER 9 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Influence of silicate application on the sucrose synthetic enzyme activity of tomato in perlite media culture
SO Acta Horticulturae (2004), 633(Protected Cultivation 2002: In Search of Structures, Systems and Plant Materials for Sustainable Greenhouse Production), 259-262
CODEN: AHORA2; ISSN: 0567-7572
AU Lee, J.-W.; Kim, Y.-C.; Kim, K.-Y.; Yun, H.-K.; Seo, T.-C.; Park, K.-W.
AN 2004:575017 HCAPLUS
DN 142:218386

L49 ANSWER 10 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Ester synthesis catalyzed by *Mucor miehei* lipase immobilized on magnetic polysiloxane-polyvinyl alcohol particles
SO Applied Biochemistry and Biotechnology (2004), 113-116, 189-199
CODEN: ABIBDL; ISSN: 0273-2289
AU Bruno, Laura M. De Lima; Filho, Jose L. De M.; Melo, Eduardo H.; De Castro, Heizir F.
AN 2004:376082 HCAPLUS
DN 141:87866

L49 ANSWER 11 OF 125 BIOTECHDS COPYRIGHT 2007 THE THOMSON CORP. on STN
TI Lipase-catalyzed ammonolysis of trimethylsilylmethyl acetate in organic solvent;
yeast enzyme-catalyzed ammonolysis for use in silicon-containing amide synthesis
SO BIOTCATALYSIS AND BIOTRANSFORMATION; (2004) 22, 3, 183-187 ISSN: 1024-2422
AU PENG HS; ZONG MH; WANG JF; XU YQ
AN 2005-01729 BIOTECHDS

L49 ANSWER 12 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Development of the enzyme immobilization method for having used the new carrier constructing-bridge method
SO Chemical Sensors (2004), 20(Suppl. A), 118-120
CODEN: KAGSEU
AU Xu, Yitai; Amemiya, Takashi; Itoh, Kiminori
AN 2004:719663 HCAPLUS
DN 142:151099

L49 ANSWER 13 OF 125 MEDLINE on STN DUPLICATE 2
TI Detection of bacteriophage infection and prophage induction in bacterial cultures by means of electric DNA chips.
SO Analytical biochemistry, (2004 Jan 1) Vol. 324, No. 1, pp. 84-91.
Journal code: 0370535. ISSN: 0003-2697.
AU Gabig-Ciminska Magdalena; Los Marcin; Holmgren Anders; Albers Jorg; Czyz Agata; Hintsche Reiner; Wegrzyn Grzegorz; Enfors Sven Olof
AN 2003574720 MEDLINE

L49 ANSWER 14 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Enzyme-catalysed siloxane bond formation
SO (2003) No pp., given Avail.: From degree-granting institution
From: Diss. Abstr. Int., C 2004, 65(3), 733
AU Brandstadt, Kurt Friedrich
AN 2005:646863 HCAPLUS
DN 143:148823

L49 ANSWER 15 OF 125 WPIDS COPYRIGHT 2007 THE THOMSON CORP on STN
TI Multiple-emulsion enzyme system for surfactant-rich media used in, e.g.

skin treatment, includes surfactants to respectively maintain enzyme in inner phase and fluid in outer phase

PI WO 2003106607 A1 20031224 (200411)* EN 53[2] C11D001-66
RW: AT BE BG CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IT KE LS
LU MC MW MZ NL OA PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW
W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW

AU 2003276412 A1 20031231 (200451) EN

AU 2003276412 A8 20031231 (200562) EN

IN BECKER N T; BRECHT D J; CHRISTIANO S P; ELMS R A; FENG Q J; HAYES K Q;
HENG M H; MAZEAUD I; SEVERANCE M K

L49 ANSWER 16 OF 125 SCISEARCH COPYRIGHT (c) 2007 The Thomson Corporation
on STN

TI Enzyme-catalysed siloxane bond formation.

SO ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY, (MAR 2003) Vol. 225,
Part 1, pp. U977-U977. MA 164-IEC.

ISSN: 0065-7727.

AU Bassindale A R (Reprint); Brandstadt K F; Lane T H; Taylor P G

AN 2004:445025 SCISEARCH

L49 ANSWER 17 OF 125 SCISEARCH COPYRIGHT (c) 2007 The Thomson Corporation
on STN

TI Synthesis of novel silicon based macromers and
polymers by enzymatic catalysis

SO ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY, (MAR 2003) Vol. 225,
Part 2, pp. U698-U698. MA 250-PMSE.

ISSN: 0065-7727.

AU Kumar R (Reprint); Samuelson L A; Kumar J; Parmar V S; Watterson A C

AN 2004:233892 SCISEARCH

L49 ANSWER 18 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN

TI "Sweet silicons": Biocatalytic reactions to form organo-silicon
carbohydrate macro-mers

SO Polymer Preprints (American Chemical Society, Division of Polymer
Chemistry) (2003), 44(2), 617-618

CODEN: ACPPAY; ISSN: 0032-3934

AU Sahoo, Bishwabhusan; Brandstadt, Kurt F.; Lane, Thomas H.; Gross, Richard
A.

AN 2003:658157 HCAPLUS

DN 140:199513

L49 ANSWER 19 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN

TI Biocatalysis of siloxane bonds

SO Polymer Preprints (American Chemical Society, Division of Polymer
Chemistry) (2003), 44(2), 570-571

CODEN: ACPPAY; ISSN: 0032-3934

AU Bassindale, Alan R.; Brandstadt, Kurt F.; Lane, Thomas H.; Taylor, Peter
G.

AN 2003:658130 HCAPLUS

DN 140:159515

→L49 ANSWER 20 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN

TI Synthesis of novel silicon-based macromers and
polymers by enzymatic catalysis

SO PMSE Preprints (2003), 88, 429-430

CODEN: PPMRA9; ISSN: 1550-6703

AU Kumar, Rajesh; Samuelson, Lynne, A.; Kumar, Jayant; Parmar, Virinder, S.;
Watterson, Arthur, C.

AN 2003:222754 HCAPLUS

DN 138:402555

L49 ANSWER 21 OF 125 MEDLINE on STN DUPLICATE 3
TI Enzyme-catalysed siloxane bond formation.
SO Journal of inorganic biochemistry, (2003 Aug 1) Vol. 96, No. 2-3, pp. 401-6.
Journal code: 7905788. ISSN: 0162-0134.
AU Bassindale Alan R; Brandstadt Kurt F; Lane Thomas H; Taylor Peter G
AN 2003355710 MEDLINE

→L49 ANSWER 22 OF 125 HCPLUS COPYRIGHT 2007 ACS on STN
TI Synthesis of novel silicon based macromers and polymers by enzymatic catalysis
SO Abstracts of Papers, 225th ACS National Meeting, New Orleans, LA, United States, March 23-27, 2003 (2003), PMSE-250 Publisher: American Chemical Society, Washington, D. C.
CODEN: 69DSA4
AU Kumar, Rajesh; Samuelson, Lynne A.; Kumar, Jayant; Parmar, Virinder S.; Watterson, Arthur C.
AN 2003:186047 HCPLUS

→L49 ANSWER 23 OF 125 HCPLUS COPYRIGHT 2007 ACS on STN
TI Biocatalysis of siloxane bonds
SO Abstracts of Papers, 226th ACS National Meeting, New York, NY, United States, September 7-11, 2003 (2003), POLY-237 Publisher: American Chemical Society, Washington, D. C.
CODEN: 69EKY9
AU Bassindale, Alan R.; Brandstadt, Kurt F.; Lane, Thomas H.; Taylor, Peter G.
AN 2003:637118 HCPLUS

L49 ANSWER 24 OF 125 HCPLUS COPYRIGHT 2007 ACS on STN
TI (R)-Oxynitrilase-catalysed synthesis of chiral silicon-containing aliphatic (R)-ketone-cyanohydrins
SO Biotechnology Letters (2003), 25(3), 219-222
CODEN: BILED3; ISSN: 0141-5492
AU Li, Ning; Zong, Min-Hua; Liu, Chen; Peng, Hua-Song; Wu, Hua-Chang
AN 2003:103541 HCPLUS
DN 140:4120

→L49 ANSWER 25 OF 125 HCPLUS COPYRIGHT 2007 ACS on STN
TI Enzyme-catalyzed siloxane-bond formation
SO Abstracts of Papers, 225th ACS National Meeting, New Orleans, LA, United States, March 23-27, 2003 (2003), IEC-164 Publisher: American Chemical Society, Washington, D. C.
CODEN: 69DSA4
AU Bassindale, Alan R.; Brandstadt, Kurt F.; Lane, Thomas H.; Taylor, Peter G.
AN 2003:182944 HCPLUS

L49 ANSWER 26 OF 125 SCISEARCH COPYRIGHT (c) 2007 The Thomson Corporation on STN DUPLICATE 4
TI Desorption/ionization on silicon (DIOS) mass spectrometry: background and applications
SO INTERNATIONAL JOURNAL OF MASS SPECTROMETRY, (15 MAR 2003) Vol. 226, No. 1, pp. 107-116.
ISSN: 1387-3806.
AU Lewis W G; Shen Z X; Finn M G; Siuzdak G (Reprint)
AN 2003:216273 SCISEARCH

→L49 ANSWER 27 OF 125 SCISEARCH COPYRIGHT (c) 2007 The Thomson Corporation on STN
TI Enzyme-catalyzed siloxane bond formation.
SO ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY, (MAR 2003) Vol. 225, Part 1, pp. U62-U62. MA 0028-MTLS.
ISSN: 0065-7727.
AU Bassindale A R (Reprint); Brandstadt K F; Lanes T H; Taylor P G

AN 2004:440636 SCISEARCH

L49 ANSWER 28 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN
TI New fire-safe polysiloxane polymers
SO Chemical and Physical Processes in Combustion (2003) 49-52
CODEN: CPPCD9; ISSN: 0277-1128
AU Schoemann, Aurelie; Westmoreland, Phillip R.; Farris, Richard J.; Kumar, Rajesh; Watterson, Arthur C.; Samuelson, Lynne
AN 2003:990850 HCAPLUS
DN 141:207726

L49 ANSWER 29 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Enzyme-catalyzed siloxane bond formation
SO Abstracts of Papers, 225th ACS National Meeting, New Orleans, LA, United States, March 23-27, 2003 (2003), MTL5-028 Publisher: American Chemical Society, Washington, D. C.
CODEN: 69DSA4
AU Bassindale, Alan R.; Brandstadt, Kurt F.; Lane, Thomas H.; Taylor, Peter G.
AN 2003:184328 HCAPLUS

L49 ANSWER 30 OF 125 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
TI Enzyme-catalyzed siloxane bond formation.
SO Abstracts of Papers American Chemical Society, (2003) Vol. 225, No. 1-2, pp. MTL5 28. print.
Meeting Info.: 225th American Chemical Society (ACS) National Meeting. New Orleans, LA, USA. March 23-27, 2003. American Chemical Society.
ISSN: 0065-7727 (ISSN print).
AU Bassindale, Alan R. [Reprint Author]; Brandstadt, Kurt F.; Lane, Thomas H.; Taylor, Peter G. [Reprint Author]
AN 2003:369604 BIOSIS

L49 ANSWER 31 OF 125 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
TI Synthesis of novel silicon based macromers and polymers by enzymatic catalysis.
SO Abstracts of Papers American Chemical Society, (2003) Vol. 225, No. 1-2, pp. PMSE 250. print.
Meeting Info.: 225th American Chemical Society (ACS) National Meeting. New Orleans, LA, USA. March 23-27, 2003. American Chemical Society.
ISSN: 0065-7727 (ISSN print).
AU Kumar, Rajesh [Reprint Author]; Samuelson, Lynne A.; Kumar, Jayant; Parmar, Virinder S.; Watterson, Arthur C.
AN 2003:411824 BIOSIS

L49 ANSWER 32 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN DUPLICATE 5
TI Powdery face washing agent composition
SO Repub. Korean Kongkiae Taeho Kongbo, No pp. given
CODEN: KRXXA7
IN Cha, Jin Gi; Cho, Byeong Gi
AN 2004:960841 HCAPLUS
DN 142:204203

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	----	-----	-----	-----
PI KR 2002045300	A	20020619	KR 2000-74703	20001208

L49 ANSWER 33 OF 125 BIOTECHDS COPYRIGHT 2007 THE THOMSON CORP. on STN
TI Polycondensation of organosilicon compounds in solution with an enzyme catalyst, used e.g. for the production of silicones and silicates, involves using lipase as the enzyme; silicate and silicon production using enzyme immobilization
AU FRIEDRICH T
AN 2002-17473 BIOTECHDS

PI WO 2002022842 21 Mar 2002

L49 ANSWER 34 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN

TI Topical composition containing fibers and enzymes

SO Eur. Pat. Appl., 12 pp.

CODEN: EPXXDW

IN Chevalier, Veronique

AN 2002:752241 HCAPLUS

DN 137:268193

PATENT NO.

KIND

DATE

APPLICATION NO.

DATE

PI EP 1245222 A2 20021002 EP 2002-290650 20020314

EP 1245222 A3 20040317

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR

US 2002197289 A1 20021226 US 2002-102729 20020322

L49 ANSWER 35 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN

TI Microfluidic enzyme immunoassay using silicon microchip with immobilized
antibodies and chemiluminescence detection

SO Analytical Chemistry (2002), 74(13), 2994-3004

CODEN: ANCHAM; ISSN: 0003-2700

AU Yakovleva, Julia; Davidsson, Richard; Lobanova, Anna; Bengtsson, Martin;
Eremin, Sergei; Laurell, Thomas; Emneus, Jenny

AN 2002:394485 HCAPLUS

DN 137:121742

L49 ANSWER 36 OF 125 SCISEARCH COPYRIGHT (c) 2007 The Thomson Corporation
on STN DUPLICATE 6

TI Formation of enzymatic biofilms on polymer films and
on silicon wafers

SO MOLECULAR CRYSTALS AND LIQUID CRYSTALS, (2002) Vol. 374, pp. 611-616.
ISSN: 1058-725X.

AU Pancera S M (Reprint); Petri D F S

AN 2002:481440 SCISEARCH

L49 ANSWER 37 OF 125 MEDLINE on STN DUPLICATE 7

TI Silicon deprivation decreases collagen formation in
wounds and bone, and ornithine transaminase enzyme activity in
liver.

SO Biological trace element research, (2002 Dec) Vol. 89, No. 3, pp. 251-61.
Journal code: 7911509. ISSN: 0163-4984.

AU Seaborn C D; Nielsen F H

AN 2002701084 MEDLINE

L49 ANSWER 38 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN

TI Syntheses of enantiopure Si-centrochiral silicon-based
muscarinic antagonists using an enantioselective enzymatic
esterification as the key step

SO Silicon Chemistry (2002), 1(1), 35-39

CODEN: SCIHB4; ISSN: 1569-0660

AU Tacke, Reinhold; Heinrich, Tilman

AN 2002:753435 HCAPLUS

DN 138:56006

L49 ANSWER 39 OF 125 SCISEARCH COPYRIGHT (c) 2007 The Thomson Corporation
on STN DUPLICATE 8

TI Conformational analysis and modeling studies of synthetic
4-dialkylaminopyridine-siloxane oligomers with selective esterase activity
SO JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS, (JUN 2002) Vol. 12, No.
1-2, pp. 31-47.
ISSN: 1053-0495.

AU Parish C A (Reprint); Zeldin M; Pratt J

AN 2002:968149 SCISEARCH

L49 ANSWER 40 OF 125 WPIDS COPYRIGHT 2007

THE THOMSON CORP on STN

TI Enzyme electrode for use in medical measurement, foodstuffs management and environmental measurement, consists of substrate electrode provided with poly dialkyl siloxane film on which oxidoreductase is fixed

PI JP 2001208719 A 20010803 (200201)* JA 6[3] G01N027-327
IN IIJIMA S; MIZUTANI F; YABUKI S

L49 ANSWER 41 OF 125 LIFESCI COPYRIGHT 2007 CSA on STN DUPLICATE 9

TI Interferometric sensing of beta -galactosidase released by recombinant E. coli responding to an endocrine disruptor, tributyltin
SO Biotechnology Letters [Biotechnol. Lett.], (20010501) vol. 23, no. 9, pp. 653-659.
ISSN: 0141-5492.

AU Ryu, Chun-Soo; Cho, Sung M.; Kim, Byung-Woo*
AN 2001:82890 LIFESCI

L49 ANSWER 42 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN

TI Enzymatic synthesis of enantiomerically enriched D- and L-3-silylated alanines by deracemization of DL-5-silylmethylated hydantoins

SO Tetrahedron: Asymmetry (2001), 12(1), 157-165
CODEN: TASYE3; ISSN: 0957-4166

AU Smith, R. J.; Pietzsch, M.; Waniek, T.; Syldatk, C.; Bienz, S.
AN 2001:167359 HCAPLUS
DN 134:367156

L49 ANSWER 43 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN

TI Method for the production of stable immobilized enzyme layers to be used as sensors and in bioreactors

SO Ger. Offen., 6 pp.
CODEN: GWXXBX

IN Heilmann, Andreas; Kiesow, Andreas; Spohn, Uwe; Janasek, Dirk
AN 2000:115729 HCAPLUS
DN 132:119249

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19835869	A1	20000217	DE 1998-19835869	19980807
DE 19835869	C2	20030918		

L49 ANSWER 44 OF 125 WPIDS COPYRIGHT 2007 THE THOMSON CORP on STN

TI New enzyme electrode for biosensor, useful for detecting glucose

PI EP 969282 A2 20000105 (200009)* EN 66[36] G01N027-327

R: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT
RO SE SI

JP 2000081409	A	20000321 (200025)	JA 29	G01N027-327
JP 2000081410	A	20000321 (200025)	JA 22	G01N027-327
US 6280587	B1	20010828 (200151)	EN	G01N027-26
JP 3214561	B2	20011002 (200164)	JA 29	G01N027-327
JP 3214563	B2	20011002 (200164)	JA 22	G01N027-327

IN MATSUMOTO T

L49 ANSWER 45 OF 125 WPIDS COPYRIGHT 2007 THE THOMSON CORP on STN

TI Enzyme-catalysed esterification of acrylate or methacrylate with hydroxy-functional and/or polyoxyalkylene-modified siloxane, giving products for use, e.g. in polymer production and radiation-cured coatings

PI DE 19850507 C1 20000504 (200029)* DE 10[0] C08G077-38
EP 999230 A2 20000510 (200029) DE C08G077-08

R: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT
RO SE SI

JP 2000139488	A	20000523 (200033)	JA 8	C12P007-62
CA 2288384	A1	20000503 (200039)	EN	C12P009-00
US 6288129	B1	20010911 (200154)	EN	B01F017-00
EP 999230	B1	20030416 (200328)	DE	C08G077-08

R: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE
DE 59905050 G 20030522 (200341) DE C08G077-08
ES 2194411 T3 20031116 (200381) ES C08G077-08
IN GRUENING B; GRUNING B; HILLS G; JEFFREY H; JOSTEN W; SCHAEFER D; SILBER S;
WEITEMEYER C

L49 ANSWER 46 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Syntheses and Properties of Silicon- and Germanium-Containing
α-Amino Acids and Peptides: A Study on C/Si/Ge Bioisosterism
SO Organometallics (2000), 19(18), 3486-3497
CODEN: ORGND7; ISSN: 0276-7333
AU Tacke, Reinhold; Merget, Markus; Bertermann, Rudiger; Bernd, Michael;
Beckers, Thomas; Reissmann, Thomas
AN 2000:519223 HCAPLUS
DN 133:267128

L49 ANSWER 47 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Unnatural enantiomers of 5-azacytidine analogs: syntheses and enzymic
properties
SO European Journal of Medicinal Chemistry (2000), 35(11), 1011-1019
CODEN: EJMCA5; ISSN: 0223-5234
AU Gaubert, Gilles; Mathe, Christophe; Imbach, Jean-Louis; Eriksson, Staffan;
Vincenzetti, Silvia; Salvatori, Daniela; Vita, Alberto; Maury, Georges
AN 2000:894112 HCAPLUS
DN 134:147795

L49 ANSWER 48 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Use of silicon-containing lignin products for in situ soil bioremediation
SO Environmental Science and Pollution Control Series (2000),
22(Bioremediation of Contaminated Soils), 699-727
CODEN: EPCSEF
AU Telysheva, Galina; Lebedeva, Galina; Dizhbite, Tatiana; Zaimenko, Natalya;
Ammosova, Jana; Viesturs, Uldis
AN 2000:859890 HCAPLUS
DN 134:207302

L49 ANSWER 49 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Adsorption of trypsin on silica-polydimethylsiloxane and
its modified forms
SO Ukrainskii Khimicheskii Zhurnal (Russian Edition) (2000), 66(1-2), 103-106
CODEN: UKZHAU; ISSN: 0041-6045
AU Denisova, T. I.; Karpenko, G. F.; Khalyavka, T. A.; Shvets, D. I.
AN 2000:720661 HCAPLUS
DN 134:53120

L49 ANSWER 50 OF 125 SCISEARCH COPYRIGHT (c) 2007 The Thomson Corporation
on STN DUPLICATE 10
TI Enzyme catalysis of ceramic forming: Alumina and
silicon carbide
SO INDUSTRIAL CERAMICS, (MAY-AUG 2000) Vol. 20, No. 2, pp. 102-109.
ISSN: 1121-7588.
AU Gauckler L J (Reprint); Si W; Graule T J; Baader F H; Will J
AN 2000:877852 SCISEARCH

L49 ANSWER 51 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Enzyme catalyzed biochemical production in a
polydimethylsiloxane microreactor
SO Proceedings of SPIE-The International Society for Optical Engineering
(2000), 4177(Microfluidic Devices and Systems III), 56-64
CODEN: PSISDG; ISSN: 0277-786X
AU Dickey, Cynthia K.; Elmore, Bill B.; Jones, Francis
AN 2000:811299 HCAPLUS
DN 134:262960

L49 ANSWER 52 OF 125 WPIDS COPYRIGHT 2007 THE THOMSON CORP on STN

TI Sensing probe for quantitative determination of hydrogen peroxide in body of fluid or fluid-containing material
PI WO 9953301 A1 19991021 (200002)* EN 27[1] G01N027-327
RW: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL
OA PT SD SE SL SZ UG ZW
W: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU
LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR
TT UA UG US UZ VN YU ZA ZW
AU 9934915 A 19991101 (200013) EN
US 6592746 B1 20030715 (200348) EN G01N027-327
IN BAKER D A; GOUGH D; SCHMID-SCHOENBEIN G W

L49 ANSWER 53 OF 125 SCISEARCH COPYRIGHT (c) 2007 The Thomson Corporation on STN DUPLICATE 11
TI Potential silicon-containing antifolates
SO TETRAHEDRON, (5 FEB 1999) Vol. 55, No. 6, pp. 1631-1638.
ISSN: 0040-4020.
AU Taylor E C (Reprint); Chaudhuri R P; Watson S E
AN 1999:116657 SCISEARCH

L49 ANSWER 54 OF 125 MEDLINE on STN DUPLICATE 12
TI Efficient enzymatic synthesis of amide with (aminomethyl)trimethylsilane.
SO Journal of bioscience and bioengineering, (1999) Vol. 87, No. 5, pp. 607-10.
Journal code: 100888800. ISSN: 1389-1723.
AU Kawamoto T; So R S; Masuda Y; Tanaka A
AN 2005556843 MEDLINE

L49 ANSWER 55 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Improving wool yarn quality
SO Melland Textilberichte (1999), 80(6), 540-543, E142-E144
CODEN: MTIRDL; ISSN: 0341-0781
AU Dobel, H.
AN 1999:354824 HCAPLUS
DN 131:32940

L49 ANSWER 56 OF 125 SCISEARCH COPYRIGHT (c) 2007 The Thomson Corporation on STN DUPLICATE 13
TI Enzymatic synthesis of silicon-containing dipeptides with 3-trimethylsilylalanine
SO APPLIED MICROBIOLOGY AND BIOTECHNOLOGY, (APR 1999) Vol. 51, No. 4, pp. 470-473.
ISSN: 0175-7598.
AU Ishikawa H; Yamanaka H; Kawamoto T; Tanaka A (Reprint)
AN 1999:342842 SCISEARCH

L49 ANSWER 57 OF 125 SCISEARCH COPYRIGHT (c) 2007 The Thomson Corporation on STN DUPLICATE 14
TI The influence of the chemistry of an organosilica surface on the adsorption of proteins from water-salt solutions
SO ADSORPTION SCIENCE & TECHNOLOGY, (1999) Vol. 17, No. 3, pp. 139-145.
ISSN: 0263-6174.
AU Denisova T I (Reprint); Karpenko G F; Khalyavka T A; Shvetz D I
AN 1999:607625 SCISEARCH

L49 ANSWER 58 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Use of siloxane polymer for constructing amperometric enzyme sensors
SO Proceedings - Electrochemical Society (1999), 99-23 (Chemical Sensors IV), 93-98
CODEN: PESODO; ISSN: 0161-6374
AU Mizutani, Fumio; Yabuki, Soichi; Iijima, Seiichiro
AN 1999:533479 HCAPLUS
DN 131:308503

L49 ANSWER 59 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Features of protein adsorption by silicopolymethylsiloxane sorbents
SO Ukrainskii Biokhimicheskii Zhurnal (1999), 71(2), 46-50
CODEN: UBZHD4; ISSN: 0201-8470
AU Karpenko, G. F.; Denisova, T. I.; Khalyavka, T. A.; Shvets, D. I.
AN 1999:720527 HCAPLUS
DN 132:47181

L49 ANSWER 60 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Enzyme catalysis of ceramic forming: alumina and
silicon carbide
SO Advances in Science and Technology (Faenza, Italy) (1999), 15 (Ceramics:
Getting into the 2000's, Pt. C), 15-40
CODEN: ASETE5
AU Gauckler, L. J.; Si, W.; Graule, T. J.; Baader, F. H.; Will, J.
AN 1999:661115 HCAPLUS
DN 132:67698

L49 ANSWER 61 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN DUPLICATE 15
TI Biosensor production method.
SO Jpn. Kokai Tokkyo Koho, 16 pp.
CODEN: JKXXAF
IN Saito, Atsushi; Saito, Soichi
AN 1998:712193 HCAPLUS
DN 130:22492

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 10293112	A	19981104	JP 1997-116474	19970418
JP 3102378	B2	20001023		

L49 ANSWER 62 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Determination of DNA synthesizing enzyme activity
using DNA synthesis on silicon support and
ellipsometry
SO Jpn. Kokai Tokkyo Koho, 10 pp.
CODEN: JKXXAF

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 10023900	A	19980127	JP 1996-179221	19960709

L49 ANSWER 63 OF 125 WPIDS COPYRIGHT 2007 THE THOMSON CORP on STN
TI Granular detergent composition, used for washing clothes - comprises
surfactant, builder, particulate foam control agent, hydrated magnesium
sulphate, protease enzyme and cellulase enzyme
PI WO 9845395 A1 19981015 (199847)* EN 30[0] C11D003-00
W: BR CA CN JP MX US
US 6169063 B1 20010102 (200103) EN C11D009-36
IN KVIETOK F A; NORMAN W I; SWIFT R A; VARADARAJAN J

L49 ANSWER 64 OF 125 WPIDS COPYRIGHT 2007 THE THOMSON CORP on STN
TI Treatment of refuse using group of effective microorganisms - comprises
collecting food residue (refuse), crushing the residue, adjusting the
temperature, mixing bio-balance with the refuse, pelletising and bagging
PI JP 10015526 A 19980120 (199813)* JA 5[1] B09B003-00
IN SAITO K

L49 ANSWER 65 OF 125 BIOTECHDS COPYRIGHT 2007 THE THOMSON CORP. on STN
TI Method for growing large crystals of biopolymers such as proteins and
nucleic acids;

enzyme, protein, RNA or DNA crystallization on silicon semiconductor element for biosensor construction

AU Sanjoh A
AN 1998-03768 BIOTECHDS
PI WO 9749845 31 Dec 1997

L49 ANSWER 66 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Skin cleansers or other products containing enzymes and stabilizers
SO Jpn. Kokai Tokkyo Koho, 7 pp.

CODEN: JKXXAF

IN Gagnebien, Didier
AN 1997:265338 HCAPLUS
DN 126:255277

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 09040544	A	19970210	JP 1996-194927	19960724
	JP 3108631	B2	20001113		
	FR 2737115	A1	19970131	FR 1995-9027	19950725
	FR 2737115	B1	19970822		
	EP 759293	A1	19970226	EP 1996-401451	19960701
	EP 759293	B1	19981007		
	R: DE, ES, FR, GB, IT				
	ES 2126368	T3	19990316	ES 1996-401451	19960701
	BR 9604011	A	19980422	BR 1996-4011	19960724
	US 5830449	A	19981103	US 1996-686922	19960724

L49 ANSWER 67 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN
TI A solid pharmaceutical composition providing improved oral bioavailability for HIV protease inhibitors
SO U.S., 18 pp., Cont.-in-part of U.S. Ser. No. 267,273, abandoned.
CODEN: USXXAM

IN Al-razzak, Laman A.; Marsh, Kennan C.; Pyter, Richard A.
AN 1996:610346 HCAPLUS
DN 125:301598

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5559158	A	19960924	US 1994-297004	19940831
	CA 2167413	A1	19950413	CA 1994-2167413	19940909
	WO 9509614	A1	19950413	WO 1994-US10096	19940909
	W: AU, CA, JP, KR				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	AU 9477229	A	19950501	AU 1994-77229	19940909
	AU 685509	B2	19980122		
	EP 721330	A1	19960717	EP 1994-928043	19940909
	EP 721330	B1	20010328		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
	JP 09503501	T	19970408	JP 1994-510810	19940909
	AT 200023	T	20010415	AT 1994-928043	19940909
	ES 2156904	T3	20010801	ES 1994-928043	19940909
	PT 721330	T	20010928	PT 1994-928043	19940909
	IL 110915	A	19991222	IL 1994-110915	19940911
	US 5610193	A	19970311	US 1996-650261	19960522
	GR 3036091	T3	20010928	GR 2001-400936	20010619

L49 ANSWER 68 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN
TI UV polymerizable enzyme paste for the production of biosensors
SO Eur. Pat. Appl., 7 pp.

CODEN: EPXXDW

IN Rohm, Ingrid; Bilitewski, Ursula
AN 1996:161243 HCAPLUS
DN 124:197717

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 691408	A1	19960110	EP 1995-110563	19950706
	EP 691408	B1	20001108		

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, NL, PT, SE				
DE 4424179	A1	19960111	DE 1994-4424179	19940708
DE 4424179	C2	19980910		
AT 197476	T	20001111	AT 1995-110563	19950706
ES 2152348	T3	20010201	ES 1995-110563	19950706
PT 691408	T	20010228	PT 1995-110563	19950706
GR 3035345	T3	20010531	GR 2001-400170	20010201

L49 ANSWER 69 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN
 TI Biosensor with enzyme immobilized on a Si3N4 surface
 SO Ger. Offen., 5 pp.
 CODEN: GWXXBX
 IN Thust, Marion; Schoening, Michael Josef; Vetter, Joachim; Kaupp, Ulrich
 Benjamin; Kordos, Peter; Lueth, Hans
 AN 1996:262748 HCAPLUS
 DN 124:283697

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 4436001	A1	19960411	DE 1994-4436001	19941008
	DE 4436001	C2	19960725		
	CA 2202043	A1	19960418	CA 1995-2202043	19950930
	WO 9611402	A1	19960418	WO 1995-DE1371	19950930
	W: BR, CA, CN, JP, KR, MX, SG, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	EP 784791	A1	19970723	EP 1995-933316	19950930
	EP 784791	B1	20011121		
	R: AT, CH, DE, FR, GB, LI, NL				
	BR 9509127	A	19970902	BR 1995-9127	19950930
	CN 1166874	A	19971203	CN 1995-196188	19950930
	JP 10506994	T	19980707	JP 1995-512256	19950930
	AT 209357	T	20011215	AT 1995-933316	19950930

L49 ANSWER 70 OF 125 SCISEARCH COPYRIGHT (c) 2007 The Thomson Corporation on STN
 TI Dietary silicon affects some collagen synthesizing enzymes in rats.
 SO FASEB JOURNAL, (8 MAR 1996) Vol. 10, No. 3, pp. 4526-4526.
 ISSN: 0892-6638.
 AU Seaborn C D (Reprint); Nielsen F H
 AN 1996:212701 SCISEARCH

L49 ANSWER 71 OF 125 SCISEARCH COPYRIGHT (c) 2007 The Thomson Corporation on STN DUPLICATE 16
 TI Design and implementation of a microchemistry analyzer
 SO PURE AND APPLIED CHEMISTRY, (OCT 1996) Vol. 68, No. 10, pp. 1837-1841.
 ISSN: 0033-4545.
 AU Peled N (Reprint)
 AN 1996:796333 SCISEARCH

L49 ANSWER 72 OF 125 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
 TI Dietary silicon affects some collagen synthesizing enzymes in rats.
 SO FASEB Journal, (1996) Vol. 10, No. 3, pp. A784.
 Meeting Info.: Experimental Biology 96, Part II. Washington, D.C., USA.
 April 14-17, 1996.
 CODEN: FAJOEC. ISSN: 0892-6638.
 AU Seaborn, C. D. [Reprint author]; Nielsen, F. H.
 AN 1996:211654 BIOSIS

L49 ANSWER 73 OF 125 SCISEARCH COPYRIGHT (c) 2007 The Thomson Corporation on STN
 TI A biosensor array based on polyaniline
 SO ANALYTICAL CHEMISTRY, (1 MAR 1996) Vol. 68, No. 5, pp. 779-783.
 ISSN: 0003-2700.

AU Sangodkar H (Reprint); Sukeerthi S; Srinivasa R S; Lal R; Contractor A Q
AN 1996:173441 SCISEARCH

L49 ANSWER 74 OF 125 SCISEARCH COPYRIGHT (c) 2007 The Thomson Corporation
on STN DUPLICATE 17

TI Micromachined glucose sensor
SO BIOSENSORS & BIOELECTRONICS, (1996) Vol. 11, No. 1-2, pp. 187-190.
ISSN: 0956-5663.

AU Steinkuhl R (Reprint); Dumschat C; Sundermeier C; Hinkers H; Renneberg R;
Cammann K; Knoll M
AN 1996:88162 SCISEARCH

L49 ANSWER 75 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN

TI Glucose and urea measurement using micromachined open tubular heterogenous
enzyme reactors

SO DECHHEMA Monographien (1996), 132(Microsystem Technology for Chemical and
Biological Microreactors), 125-37
CODEN: DMDGAG; ISSN: 0070-315X

AU Strike, D. J.; Thiebaud, P.; Arquint, P.; Koudelka-Hep, M.; De Rooij, N.
F.; Meijerink, M. G. H.

AN 1996:210517 HCAPLUS

DN 125:52598

L49 ANSWER 76 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN

TI Method for immobilizing lipases in hydrophobic silicon oxide matrixes and
use of the immobilized enzyme for hydrolysis or synthesis of esters and
transesterification

SO Ger. Offen., 12 pp.

CODEN: GWXXBX

IN Reetz, Manfred T.; Simpelkamp, Joerg; Zonta, Albin

AN 1995:994641 HCAPLUS

DN 124:49503

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 4408152	A1	19950914	DE 1994-4408152	19940311
	EP 676414	A1	19951011	EP 1995-103126	19950304
	EP 676414	B1	19991020		
	R: AT, BE, CH, DE, DK, ES, FR, GB, IE, IT, LI, LU, NL, SE				
	AT 185816	T	19991115	AT 1995-103126	19950304
	ES 2137388	T3	19991216	ES 1995-103126	19950304
	CA 2144218	A1	19950912	CA 1995-2144218	19950308
	US 5817493	A	19981006	US 1995-401733	19950309
	JP 07274964	A	19951024	JP 1995-52392	19950313

L49 ANSWER 77 OF 125 BIOTECHDS COPYRIGHT 2007 THE THOMSON CORP. on STN

TI Enantioselective synthesis of several 1-O-beta-D-glucosides using
almond beta-glucosidase (E.C. 3.2.1.21);
butyric acid-N-butyl-amide-O-glucoside, butyric acid ethyl
ester-O-glucoside and trimethylsilyl ethyl-O-glucoside production

SO Biotechnol. Lett.; (1995) 17, 11, 1169-74

CODEN: BILED3 ISSN: 0141-5492

AU Fischer L; Bromann R; Wagner F

AN 1996-00428 BIOTECHDS

L49 ANSWER 78 OF 125 SCISEARCH COPYRIGHT (c) 2007 The Thomson Corporation
on STN DUPLICATE 18

TI ENZYMATIC GRAFTING OF AMYLOSE FROM POLY(DIMETHYLSILOXANES)

SO MACROMOLECULES, (2 JAN 1995) Vol. 28, No. 1, pp. 17-24.

ISSN: 0024-9297.

AU VONBRAUNMUHL V (Reprint); JONAS G; STADLER R

AN 1995:50533 SCISEARCH

L49 ANSWER 79 OF 125 WPIDS COPYRIGHT 2007 THE THOMSON CORP on STN

TI Preparation of thin film electronic devices - by arranging two or more

biological high polymers which form two-dimensional arrangement on interface and transferring to solid phase

PI JP 06287536 A 19941011 (199445)* JA 8[0] C09K003-00
IN MATSUDA H; MORIKAWA Y; OYAMA J; TAKEDA T

L49 ANSWER 80 OF 125 SCISEARCH COPYRIGHT (c) 2007 The Thomson Corporation on STN DUPLICATE 19
TI INCREASING GLUCOSE DETERMINATION RANGE BY FLOW-INJECTION ANALYSIS (FIA) USING GLUCOSE-OXIDASE IMMOBILIZED ON POLYANILINE
SO BIOTECHNOLOGY TECHNIQUES, (FEB 1994) Vol. 8, No. 2, pp. 133-136.
ISSN: 0951-208X.
AU LEITE V (Reprint); DASILVA V L; AZEVEDO W M; MELO E H M; LIMA J L
AN 1994:157089 SCISEARCH

L49 ANSWER 81 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Redox polymer-modified enzyme electrode for the electrochemical regeneration of coenzyme
SO U.S., 18 pp.
CODEN: USXXAM
IN Skotheim, Terje; Okamoto, Yoshiyuki; Gorton, Lo G.; Lee, Hung Sui; Hale, Paul
AN 1994:101242 HCAPLUS
DN 120:101242
PATENT NO. KIND DATE APPLICATION NO. DATE

PI US 5264092 A 19931123 US 1991-770310 19911002

L49 ANSWER 82 OF 125 WPIDS COPYRIGHT 2007 THE THOMSON CORP on STN
TI Glucose detecting device for measurement of glucose intensity - comprises working electrode of conductive base formed by supporting electron moving anchored silicon compsn. and glucose oxidase containing carbon@ paste, etc.
PI JP 05093707 A 19930416 (199320)* JA 9[9] G01N027-416
JP 3032593 B2 20000417 (200024) JA 9 G01N027-416
IN KOYAMA N; SHIMOMURA T

L49 ANSWER 83 OF 125 SCISEARCH COPYRIGHT (c) 2007 The Thomson Corporation on STN
TI FORMATION AND ENZYMATIC MODIFICATION OF A SILICON-BOUND LIPID MONOLAYER
SO ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY, (22 AUG 1993) Vol. 206, Part 2, pp. 203-POLY.
ISSN: 0065-7727.
AU GABER B P (Reprint); PEEK B M; TURNER D C; BRANDOW S L; LEACHSCAMPAGNA D
AN 1993:478537 SCISEARCH

L49 ANSWER 84 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Formation and enzymic modification of a silicon-bound lipid monolayer
SO Polymer Preprints (American Chemical Society, Division of Polymer Chemistry) (1993), 34(2), 108-9
CODEN: ACPPAY; ISSN: 0032-3934
AU Gaber, Bruce Paul; Peek, Brian M.; Turner, David C.; Brandow, Susan L.; Leach-Scampaglia, Deborah
AN 1994:62220 HCAPLUS
DN 120:62220

L49 ANSWER 85 OF 125 SCISEARCH COPYRIGHT (c) 2007 The Thomson Corporation on STN DUPLICATE 20
TI FORMATION OF SILICON-CARBIDE FROM RICE HUSKS USING ENZYMATIC METHODS FOR CARBON CONTROL
SO BIORESOURCE TECHNOLOGY, (1993) Vol. 44, No. 1, pp. 47-51.
ISSN: 0960-8524.
AU MIZUKI E (Reprint); OKUMURA S; SAITO H; MURAO S
AN 1993:127197 SCISEARCH

L49 ANSWER 86 OF 125 BIOTECHDS COPYRIGHT 2007 THE THOMSON CORP. on STN
TI Formation and enzymatic modification of a
silicon-bound lipid monolay er;
using phospholipase-C (conference abstract)
SO Abstr.Pap.Am.Chem.Soc.; (1993) 206 Meet., Pt.2, ORGN203
CODEN: ACSRAL
AU Gaber B P; Peek B M; Turner D C; Brandow S L; Leach-Scampavia D
AN 1993-11767 BIOTECHDS

L49 ANSWER 87 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Inorganic based enzyme carrier and immobilized enzymes
SO Eur. Pat. Appl., 11 pp.
CODEN: EPXXDW

IN Bonse, Dirk; Schindler, Hubert; Mueller, Hans Joerg
AN 1992:168970 HCAPLUS
DN 116:168970

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI EP 469494	A2	19920205	EP 1991-112667	19910727
EP 469494	A3	19920513		
EP 469494	B1	19950125		
R: AT, BE, CH, DE, DK, ES, FR, GB, IT, LI, NL, SE				
DE 4024491	A1	19920206	DE 1990-4024491	19900802
ZA 9105221	A	19920429	ZA 1991-5221	19910705
HU 61589	A2	19930128	HU 1991-2512	19910726
HU 209857	B	19941128		
JP 04229175	A	19920818	JP 1991-189685	19910730
US 5229284	A	19930720	US 1991-737983	19910730
AU 9181467	A	19920206	AU 1991-81467	19910731
AU 637714	B2	19930603		
CA 2048317	A1	19920203	CA 1991-2048317	19910801
FI 9103663	A	19920203	FI 1991-3663	19910801
FI 99026	B	19970613		
FI 99026	C	19970925		
KR 224282	B1	19991015	KR 1991-13433	19910802

L49 ANSWER 88 OF 125 BIOTECHDS COPYRIGHT 2007 THE THOMSON CORP. on STN
TI Immobilization of flavoproteins on silicon: effect of cross-linker chain
length on enzyme activity;
crosslinker chain length effect on immobilized choline-oxidase and
glucose-oxidase activity
SO Biosensors Bioelectron.; (1992) 7, 5, 367-73
AU Rusin K M; Fare T L; *Stemple J Z
AN 1992-09963 BIOTECHDS

L49 ANSWER 89 OF 125 BIOTECHDS COPYRIGHT 2007 THE THOMSON CORP. on STN
TI Biosensor for assaying organic compound;
includes immobilized Trichosporon cutaneum or Pseudomonas putida in a
layer over semiconducting, oxygen sensitive element, for measuring
BOD, etc.
AN 1992-07334 BIOTECHDS
PI DD 294798 10 Oct 1991

L49 ANSWER 90 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Enzyme immobilization on super fine inorganic particles
SO Jpn. Kokai Tokkyo Koho, 3 pp.
CODEN: JKXXAF

IN Koga, Naoki; Suzuki, Shigemi
AN 1991:651034 HCAPLUS
DN 115:251034

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 03087183	A	19910411	JP 1989-226175	19890831

L49 ANSWER 91 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN
 TI Vehicles for sustained-release pharmaceutical formulations
 SO Eur. Pat. Appl., 22 pp.
 CODEN: EPXXDW
 IN Aguadisch, Louis Michel Jaques; Grisoni, Bernard Francis; Etienne, Alain
 AN 1991:478936 HCAPLUS
 DN 115:78936

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 425154	A1	19910502	EP 1990-311278	19901016
EP 425154	B1	19930915		
R: BE, CH, DE, DK, ES, FR, GB, IT, LI, NL, SE				
FR 2653337	A1	19910426	FR 1989-13818	19891023
FR 2653337	B1	19920207		
ES 2044451	T3	19940101	ES 1990-311278	19901016
CA 2027865	A1	19910424	CA 1990-2027865	19901017
BR 9005223	A	19910917	BR 1990-5223	19901017
HU 69395	A2	19950928	HU 1990-6525	19901020
AU 9064863	A	19910426	AU 1990-64863	19901022
AU 639947	B2	19930812		
JP 03167116	A	19910719	JP 1990-285678	19901023

L49 ANSWER 92 OF 125 WPIDS COPYRIGHT 2007 THE THOMSON CORP on STN

TI Fluorescent probe for detecting analyte in fluid - comprises poly(di:methyl siloxane) matrix containing 9,10-di:phenyl-anthracene
 PI US 5034189 A 19910723 (199132)* EN
 IN COX M E; PARKER J W

L49 ANSWER 93 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN
 TI Glutamate biosensors based on electrical communication between L-glutamate oxidase and a flexible redox polymer
 SO Analytical Letters (1991), 24(3), 345-56
 CODEN: ANALBP; ISSN: 0003-2719
 AU Hale, Paul D.; Lee, Hung Sui; Okamoto, Yoshi; Skotheim, Terje A.
 AN 1991:445313 HCAPLUS
 DN 115:45313

L49 ANSWER 94 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN
 TI An immobilized enzyme electrode containing pH buffer and permeable membrane specific to oxygen
 SO Jpn. Kokai Tokkyo Koho, 5 pp.
 CODEN: JKXXAF
 IN Saito, Atsushi
 AN 1991:203139 HCAPLUS
 DN 114:203139

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 02287148	A	19901127	JP 1989-107202	19890428
JP 08020409	B	19960304		
US 5118404	A	19920602	US 1991-660911	19910227

L49 ANSWER 95 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN
 TI Electrode coated with conductive diamond layer and enzyme biosensor containing the electrode
 SO Jpn. Kokai Tokkyo Koho, 6 pp.
 CODEN: JKXXAF

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 02266253	A	19901031	JP 1989-88907	19890407
JP 2767124	B2	19980618		

L49 ANSWER 96 OF 125 WPIDS COPYRIGHT 2007 THE THOMSON CORP on STN

TI Carrier-enzyme complexes of varying hydrophobicity production - using synthetic zeolite of varying silicon to aluminium ratio, pref. faujasite(s)

PI DD 284248 A 19901107 (199115)* DE

IN GWENNER C; HEINRITZ B; JERSCHKWIT H; KONIECZNY B; LOHSE U; SCHNEIDER J; STAHL H; THIEM M

L49 ANSWER 97 OF 125 HCPLUS COPYRIGHT 2007 ACS on STN

TI Proteolytic degradation of fibrinogen layers adsorbed on hydrophilic and hydrophobic surfaces

SO Colloids and Surfaces (1990), 44, 51-60
CODEN: COSUD3; ISSN: 0166-6622

AU Welin-Klintstroem, Stefan; Wikstroem, Maude; Askendal, Agneta; Elwing, Hans; Lundstroem, Ingemar; Karlsson, Jan Olof; Renvert, Stefan

AN 1990:212802 HCPLUS

DN 112:212802

L49 ANSWER 98 OF 125 BIOTECHDS COPYRIGHT 2007 THE THOMSON CORP. on STN

TI pH sensor and glucose sensor;
based on field-effect transistor; glucose-oxidase immobilization;
enzyme electrode; glucose analysis

AN 1989-13702 BIOTECHDS

PI JP 01176934 13 Jul 1989

L49 ANSWER 99 OF 125 WPIDS COPYRIGHT 2007 THE THOMSON CORP on STN

TI Macroporous silica gel production from emulsified poly:alkoxy-siloxane - by controlled ammonolysis, useful e.g. as adsorbent or enzyme carrier

PI DE 3917629 A 19891214 (198951)* DE 3[0]

DD 283040 A 19901003 (199110) DE

IN EPPERT G; SCHINKE I

L49 ANSWER 100 OF 125 HCPLUS COPYRIGHT 2007 ACS on STN

TI Influence of immobilization technique on the quality of immobilized enzyme products based on a porous silicon dioxide carrier

SO Enzyme and Microbial Technology (1989), 11(1), 26-8
CODEN: EMTED2; ISSN: 0141-0229

AU Soerensen, Jens Erik; Emborg, Claus

AN 1989:91256 HCPLUS

DN 110:91256

L49 ANSWER 101 OF 125 WPIDS COPYRIGHT 2007 THE THOMSON CORP on STN

TI Catalyst for e.g. deodorising waste water or air - obtd. by mixing fine powder of carbon, silicon, alumina and enzyme and calcining

PI JP 63054945 A 19880309 (198816)* JA 3[0]

IN SAKAI S

L49 ANSWER 102 OF 125 HCPLUS COPYRIGHT 2007 ACS on STN

TI Inosine sensor based on an amorphous silicon ISFET.

SO Analytical Letters (1988), 21(10), 1785-800
CODEN: ANALBP; ISSN: 0003-2719

AU Gotoh, Masao; Tamiya, Eiichi; Seki, Atsushi; Shimizu, Isamu; Karube, Isao

AN 1988:628899 HCPLUS

DN 109:228899

L49 ANSWER 103 OF 125 HCPLUS COPYRIGHT 2007 ACS on STN

TI Process for recycling of phase-forming liquids of multi-phase aqueous systems

SO U.S., 7 pp. Cont.-in-part of U.S. Ser. No. 728,242, abandoned.
CODEN: USXXAM

IN Ananthapadmanabhan, Kavssery P.; Goodard, Errol D.

AN 1989:611539 HCAPLUS
DN 111:211539
PATENT NO. KIND DATE APPLICATION NO. DATE
----- ----- ----- -----
PI US 4690892 A 19870901 US 1986-828656 19860212

L49 ANSWER 104 OF 125 WPIDS COPYRIGHT 2007 THE THOMSON CORP on STN
TI Poly-yne polymers - contains platinum and silicon in polymer chain and can be used in production of enzyme-fixing membrane
PI JP 62050332 A 19870305 (198715)* JA 6[0]
IN SHIINA K; SONOGASHIRA K

L49 ANSWER 105 OF 125 BIOTECHDS COPYRIGHT 2007 THE THOMSON CORP. on STN
TI Effect of oils and fatty acids on the growth and the synthesis of enzymes in Thermoactinomyces vulgaris: VI. Studies on the mode of action of oil; effect of rapeseed oil and silicon oil on protease and alpha-amylase biosynthesis, starch hydrolysis etc.
SO Acta Biotechnol.; (1987) 7, 1, 39-47
CODEN: ACBTDD
AU Leuchtenberger A; Jakovleva M B; Ruttloff H; Loginova L G
AN 1987-09342 BIOTECHDS

L49 ANSWER 106 OF 125 BIOTECHDS COPYRIGHT 2007 THE THOMSON CORP. on STN
TI Vacuum-plated film for immobilizing physiologically active substance; obtained by forming enzyme-immobilizing reagent on inorganic support by vacuum-plating a silane coupling agent and dialdehyde compound
AN 1987-00562 BIOTECHDS
PI JP 61176845 8 Aug 1986

L49 ANSWER 107 OF 125 WPIDS COPYRIGHT 2007 THE THOMSON CORP on STN
TI Insulated board production for PCB - includes coating silicon steel strip with enzyme frit and heating to melt frit
PI JP 60263405 A 19851226 (198607)* JA 5[4]
JP 04046443 B 19920730 (199235) JA 6 H01F001-18
IN SUZUKI N

L49 ANSWER 108 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Use of silane monomers for molecular imprinting and enzyme entrapment in polysiloxane-coated porous silica
SO Journal of Chromatography (1985), 347(1), 11-23
CODEN: JOCRAM; ISSN: 0021-9673
AU Glad, Magnus; Norrloew, Olof; Sellergren, Boerje; Siegbahn, Nils; Mosbach, Klaus
AN 1986:48229 HCAPLUS
DN 104:48229

L49 ANSWER 109 OF 125 WPIDS COPYRIGHT 2007 THE THOMSON CORP on STN
TI Production of crosslinked polymer granules having amino gp. - utilising silicon cpd. containing amino gp. and hydrolysable gp. in liquid chromatography and in enzyme fixing
PI JP 59179503 A 19841012 (198447)* JA 8[0]
IN AOYAMA T; HIRAI O; MUKOYAMA Y

L49 ANSWER 110 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Synthesis of inorganic matrixes for enzyme immobilization by the chemical assembly method and a study of their properties
SO Zhurnal Prikladnoi Khimii (Sankt-Peterburg, Russian Federation) (1984), 57(6), 1428-30
CODEN: ZPKHAB; ISSN: 0044-4618
AU Gimanova, I. M.; Postnov, V. N.
AN 1984:528771 HCAPLUS
DN 101:128771

L49 ANSWER 111 OF 125 HCPLUS COPYRIGHT 2007 ACS on STN
TI Determination of bile acids with immobilized enzyme on gel-like
glass formed with silicon tetraethoxide
SO Bunseki Kagaku (1984), 33(1), 6-11
CODEN: BNSKAK; ISSN: 0525-1931
AU Karatani, Hajime; Oka, Syotaro
AN 1984:99284 HCPLUS
DN 100:99284

L49 ANSWER 112 OF 125 WPIDS COPYRIGHT 2007 THE THOMSON CORP on STN

TI Purifying proteolytic enzymes by bio-specific sorption - using sorbent
prepared from amino-silicon cpd., ligand and condensing agent
PI US 4264738 A 19810428 (198120)* EN
IN AKPAROV V K; GAIDA A V; RUDENSKAYA G N; STEPANOV V M

L49 ANSWER 113 OF 125 WPIDS COPYRIGHT 2007 THE THOMSON CORP on STN

TI External building wall protective compsn. - containing scleroprotein-derived
enzymatically active metallo-protein and pref.
polysiloxane-forming retention agent polymerisable in
situ
PI DE 3030250 A 19810910 (198138)* DE 16
FR 2477565 A 19810911 (198142) FR
ZA 8007380 A 19811008 (198205) EN
DE 3030250 C 19860626 (198626) DE
IN DESHAYES E L

L49 ANSWER 114 OF 125 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on
STN DUPLICATE 22

TI POLY METHYL GLUTAMATE AS A NEW MATRIX FOR COVALENTLY IMMOBILIZED ENZYMES
PREPARATION AND PROPERTIES OF UREASE EC-3.5.1.5 AND URICASE EC-1.7.3.3.
SO Biotechnology and Bioengineering, (1980) Vol. 22, No. 6, pp. 1225-1236.
CODEN: BIBIAU. ISSN: 0006-3592.
AU MINAMOTO Y [Reprint author]; YUGARI Y
AN 1980:257907 BIOSIS

L49 ANSWER 115 OF 125 WPIDS COPYRIGHT 2007 THE THOMSON CORP on STN

TI Carrier for enzyme immobilisation preparation - by modifying
silicon-containing
material with aminopropyl-tri:alkoxy-silane and treating the prod. with
toluylene-di:isocyanate
PI SU 672203 A 19790708 (198011)* RU
IN CHUIKKO A A; FEDORCHENK E I; TERTYKH V A

L49 ANSWER 116 OF 125 WPIDS COPYRIGHT 2007 THE THOMSON CORP on STN

TI Selective absorbent for immunological determinations - comprises a
water-insoluble polymer matrix e.g. polyacrylamide containing magnetically
attracted particles and a selective absorbent
PI BE 870834 A 19790328 (197914)* FR
GB 2005019 A 19790411 (197915) EN
DE 2841782 A 19790412 (197916) DE
JP 54090883 A 19790718 (197935) JA
CA 1112161 A 19811110 (198150) EN
GB 2005019 B 19820818 (198233) EN
CH 648127 A 19850228 (198512) DE
JP 63001546 B 19880113 (198805) JA
DE 2841782 C 19880721 (198829) DE G01N033-543

L49 ANSWER 117 OF 125 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on
STN DUPLICATE 23

TI ENZYMATIC CHANGE IN THE QUANTITY OF MOBILE FORMS OF

IRON MANGANESE ALUMINUM AND SILICON IN BROWN FOREST SOILS IN BEECH BIO GEOCENOSES.

SO Gorskostopanska Nauka, (1979) Vol. 16, No. 6, pp. 46-52.
CODEN: GONAAR. ISSN: 0017-2286.

AU MILANOV R [Reprint author]

AN 1981:186246 BIOSIS

L49 ANSWER 118 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Hydrolysis of a polyalkoxysilane glycerol derivative
SO Bulletin de la Societe de Pharmacie de Bordeaux (1972), 111(4), 200-10
CODEN: BSPBAD; ISSN: 0037-9093
AU Fourtillan, J. B.; Dupin, J. P.; Lemoigne, B.
AN 1973:511618 HCAPLUS
DN 79:111618

L49 ANSWER 119 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Silicon-containing material, on whose surface is attached an enzyme-polymer product
SO Ger. Offen., 39 pp.
CODEN: GWXXBX
IN Miller, Robert Everett
AN 1972:17801 HCAPLUS
DN 76:17801

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 2106215	A	19710819	DE 1971-2106215	19710210
US 3715278	A	19730206	US 1970-10655	19700211
NL 7101679	A	19710813	NL 1971-1679	19710209
BE 762743	A1	19710810	BE 1971-99588	19710210
FR 2083067	A5	19711210	FR 1971-4435	19710210

L49 ANSWER 120 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Effects of combined silicon and gibberellic acid on enzyme behavior and sucrose content of immature sugarcane
SO Proc. Int. Soc. Sugar-Cane Technol. (1969), Meeting Date 1968, Volume 13, 522-31. Editor(s): Liu, Kan-Chih. Publisher: Elsevier Publ. Co., Amsterdam, Neth.
CODEN: PSSCAF
AU Alexander, Alex G.
AN 1970:454844 HCAPLUS
DN 73:54844

L49 ANSWER 121 OF 125 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
TI INFLUENCE OF VARIABLE MANGANESE AND SILICON ON THE NUTRITION SUGAR PRODUCTION AND ENZYME ACTIVITY OF IMMATURE SUGARCANE-M ENZ STARCH PHOSPHORYLASE ENZ PHOSPHATASES ENZ POLY PHENOL OXIDASE.
SO Journal of Agriculture of the University of Puerto Rico, (1969) Vol. 53, No. 1, pp. 14-27.
CODEN: JAUPA8. ISSN: 0041-994X.
AU SAMUELS G; ALEXANDER A G
AN 1969:179200 BIOSIS

L49 ANSWER 122 OF 125 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Influence of variable manganese and silicon on the nutrition, sugar production, and enzyme activity of immature sugarcane
SO Journal of Agriculture of the University of Puerto Rico (1969), 53(1), 6-19
CODEN: JAUPA8; ISSN: 0041-994X
AU Samuels, George; Alexander, Alex G.
AN 1969:46504 HCAPLUS
DN 70:46504

L49 ANSWER 123 OF 125 MEDLINE on STN
TI [Combination of dimethylpolysiloxane and digestive enzymes in the treatment of marked forms of abdominal meteorism].
A associacao de dimetilpolisiloxana e enzimas digestivos no tratamento das formas acentuadas de meteorismo abdominal.
SO Hospital, (1965 Dec) Vol. 68, No. 6, pp. 1385-9.
Journal code: 9427238. ISSN: 0018-5469.
AU Ferraz W G; Wafae N
AN 66142754 MEDLINE

L49 ANSWER 124 OF 125 WPIDS COPYRIGHT 2007 THE THOMSON CORP on STN

TI Enzyme-polymer product coated on a silicon - contng material
PI DE 2106215 A (197134)* DE
BE 762743 A (197134) FR
NL 7101679 A (197135) NL
JP 46001836 A (197140) JA
FR 2083067 A (197209) FR
US 3715278 A (197308) EN

L49 ANSWER 125 OF 125 WPIDS COPYRIGHT 2007 THE THOMSON CORP on STN

TI Tabletted silicone oil preps for gastrointestinal wind
PI BE 700694 A (196800)* FR
FR 1554642 A (196801) FR
GB 1154256 A (196801) EN
ZA 6704007 A (196801) EN

=> save temp siloxane/a 149
ANSWER SET L49 HAS BEEN SAVED AS 'SILOXANE/A'

=> log h
COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST 340.31 340.52

SESSION WILL BE HELD FOR 120 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 10:25:01 ON 17 JAN 2007